



Super Glue All Plastics

Description: LePage Super Glue All Plastics is a two-part cyanoacrylate adhesive that sets in seconds and develops tremendous strength with just one drop. The activator primes hard-to-bond surfaces such as polypropylene and polyethylene. No mixing required. Simply prime and glue. Super Glue All Plastics dries clear and sets without clamping. It is resistant to water, most chemicals and freezing temperatures.

Available As:

Item #	Size	Package
1668383	Activator = 4 ml Adhesive = 2 ml	Carded Bottle

Features & Benefits:

- Bonds Difficult to Bond Plastics such as Polyethylene, Polypropylene and PTFE/Teflon®
- Sets in Seconds
- No Mixing Required
- Dries Transparent

Recommended For:

Use for repairing figurines, costume jewelry, cameras, toys, metal car parts, wiper blades, rubber seals and O-rings. Bonds leather, cork, paper, cardboard, wood, chipboard, fabric, metal, ceramic, many rubbers and plastics such as Plexiglas®, polycarbonate, polystyrene, PVC, polyethylene, polypropylene and polytetrafluoroethylene (PTFE)/Teflon®.

For Best Results:

- Do not use polystyrene foam, foam rubber, pure bone china, glass or silicone rubber
- Bonded items should not be placed in oven or microwave
- Not suitable for bonding assemblies which will hold hot liquids
- Do not use on glazed surfaces
- Not suitable for exterior applications
- Not suitable for repairs needing high flexibility or for gap-filling applications



TECHNICAL DATA SHEET

Typical Uncured Physical Properties:

Color:	Clear and Colorless	
Appearance:	Liquid	
Adhesive Base:	Ethyl cyanoacrylate	
Activator Solvent:	Heptane	
Odor:	Solvent (use in a well-ventilated area)	
Specific Gravity:	Adhesive: 1.05 Activator: 0.684	
Flash Point:	Adhesive: 80°C (176°F) to 93.4°C (200°F) Activator: -1.00°C (30.2°F)	
VOC Content:	<2% by weight <20 g/l	CARB SCAQMD rule 1168
Shelf Life:	From date of manufacture (unopened) : 30 months 18 months	Stored at 2-8°C Stored at 20°C
Lot Code Explanation:	#YDDDX	
Printed on crimped end on tube	# = Disregard Y= Last digit of year of manufacture DDD= Day of manufacture based on 365 days in a year X = Disregard Example: 4061 = 61 st day of 2014 = March 2, 2014	

Typical Application Properties:

Application Temperature:	Apply above 10°C (50°F)	
Fixture Time:	30 seconds*	
Handling Time:	Leave undisturbed for at least 10 minutes. For best results, allow full bond strength to develop overnight before handling.	
Cure Time:	12 to 24 hours* *Times are dependent on temperature, humidity, porosity of surface bonded and amount of adhesive used	

Typical Cured Performance Properties:

Color:	Clear and Colorless	
Cured Form:	Non-flammable, hard, brittle solid	
Service Temperature:	Up to 82°C (180°F)	
Moisture Resistant:	Yes	
Tensile Shear Strength:	Varies from 2-20 N/mm ² (290-2900 psi)	ISO 4587
Aluminum:	15.5 N/mm ² (2248 psi)	12-24 hours cure, depending on the substrate
Chemical Resistance:	Motor oil, leaded petrol, ethanol, isopropanol and Freon® TA	

Directions:

Tools Typically Required:

Tissue paper

Safety Precautions:

Use in a well-ventilated area. Protect work area. Wash hands after use.

Preparation:

Surfaces to be bonded must be close fitting, clean, dry and free from oil, wax and paint. Protect work area. For best results, lightly roughen smooth surfaces. Pre-fit parts to be joined.

Application:

To open the adhesive tube: Screw the cap and nozzle clockwise all the way down to tube shoulder, puncturing the tube. Unscrew the cap counter clockwise from the nozzle.



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To open the activator: Pull top off black base, exposing felt tip applicator. **Note:** The activator is only recommended for difficult to bond substrates such as polyethylene, polypropylene, polytetrafluoroethylene (PTFE) and thermoplastic rubber materials. Other substrates do not require activator.

Apply the surface activator to both surfaces (see note above). Wait 60 seconds for the activator to completely dry. Apply the adhesive sparingly to one side only using approximately one drop per square inch of surface. Press parts together immediately. Hold in place for 30 seconds or until bond sets. Do not reposition parts. Clean tip with tissue and replace the cap.

Clean-up:

After cleaning, wet any tissue used for wiping off glue with water and dispose of. When cleaning up larger quantities of uncured adhesive, apply water and allow to cure and then scrape up. Note this may result in damage to the surfaces. Cured adhesive may be cut away with caution using a sharp blade, removed with acetone or with boiling water. Note: Acetone may damage some plastics and is also highly flammable. Test before use and follow manufacturer's instructions.

Storage & Disposal:

Not damaged by freezing in the unopened container. Optimal shelf life is achieved when unopened container is stored from 2°C to 8°C (36°F to 46°F). After opening, it is not recommended that the product be stored cold or frozen. Once opened, the product is best stored tightly sealed in a dry location away from heat sources or sun exposure. Humidity and high temperatures may decrease shelf life. Use an approved hazardous waste facility for disposal.

Label Precautions:

CAUTION. BONDS SKIN INSTANTLY. Do not get in eyes or mouth or on skin. **KEEP OUT OF REACH OF CHILDREN. FIRST AID TREATMENT:** Contains cyanoacrylate. Eyelid bonding: See a doctor. Skin bonding: Soak skin in water and call the Poison Control Center. Do not force apart.

Refer to Material Safety Data Sheet (MSDS) for further information.

Disclaimer:

The information and recommendations contained herein are based on our research and are believed to be accurate, but no warranty, express or implied, is made or should be inferred. Purchasers should test the products to determine acceptable quality and suitability for their own intended use. Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute a permission, inducement or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.



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